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HIGH GRADE ZONES INTERSECTED IN DEEP DRILLING AT JERVOIS

Highlights

Copper zone

• 7m @ 2.07% Cu, 1.06% Pb, 2.41% Zn, 92.1g/t Ag, 0.18g/t Au from 1100m

Including

2m @ 4.75% Cu, 1.68% Pb, 1.94% Zn, 156.1g/t Ag, 0.25g/t Au from 1105m

Lead zone

- 2m @ 12.02% Pb, 0.40% Zn, 0.06% Cu, 473g/t Ag, 0.15g/t Au from 1062m
- 7m @, 4.25% Pb, 2.98% Zn, 0.60% Cu 53.4g/t Ag, 0.07g/t Au from 1070m

Drilling to recommence in February

KGL Resources (ASX:KGL) is pleased to announce results from deep diamond hole KJD010W1 drilled during Sept-Oct 2014. These assays have confirmed the continuation of mineralisation from surface outcrop to 860m depth where grades of up to 5.94% Cu, 17.10% Pb, 11.60% Zn, 663g/t Ag were recorded.

KJD010W1 was designed to intersect the mineralised zone at Reward at least 300m below the existing Reward resource and any previous drilling to assess the potential to significantly extend the resource at depth. The hole intersected two intervals of predominantly lead mineralisation that are approximately 5m apart followed by a zone of copper rich mineralisation 18m to the east. Good zinc grades were recorded in both the copper and lead zones.

Mineralisation within the copper zone comprises veins and disseminations of chalcopyrite with narrow bands of semi-massive sulphide within a broad alteration zone typical of the mineralisation within the Marshall-Reward and Bellbird resources.

Mineralisation within the lead rich intervals is dominated by galena and sphalerite and hosted within calc-silicate rocks that sit in the hanging wall to the copper mineralisation. This is very similar to the recent high grade lead/zinc mineralisation intersected at Reward.

These intersections demonstrate the continuity of mineralisation at depth and open up large areas for future exploration at both Marshall-Reward, Bellbird and along the entire 12km strike length.

KGL Resources Managing Director Mr Simon Milroy said "these intersections are over 330m below what was previously our deepest hole, clearly indicating the potential size of this already large mineralised system. This fits nicely with the current research that is suggesting a SEDEX style deposit."

Downhole electromagnetic (DHEM) surveys were conducted on the deeper holes at Marshall-Reward at the completion of drilling in 2014. The surveys located a large EM conductor extending downwards 200m from the base of the resource towards KJD010W1 (Figures 2 & 3). This suggests that mineralisation may be continuous between RJ169 (72m @3.27%Cu, 51.33g/t Ag,1.16g/t Au from 414m: Approx 16m true width) and KJD010W1.

The main section of mineralised core (100m) from KJD010W1 has been sent to the Northern Territory Geological Survey in Darwin for a Hylogger survey to determine the alteration mineralogy associated with the mineralised intervals. CSIRO will also be studying the core as part of an extended research project on Jervois with particular emphasis on the style of mineralisation. Initial work has revealed that the lead-zinc mineralisation and possibly the copper has affinity with the SEDEX class of deposit.

KGL will have up to three drilling rigs operating during February. A 9,000m RC program is designed to complete step out drilling on some of the high grade zones that remain open particularly at Bellbird where we have intercepts such as 4m @ 4.91% Cu, 55.3g/t Ag, 0.04g/t Au from 253m (Hole KJC031) and 6m @ 4.53% Cu, 34.9g/t Ag, 0.15g/t Au from 390 m (Hole KJCD053) that are on the very edge of the resource. High grade extensions to both Green Parrot and Marshall Reward will also be tested.

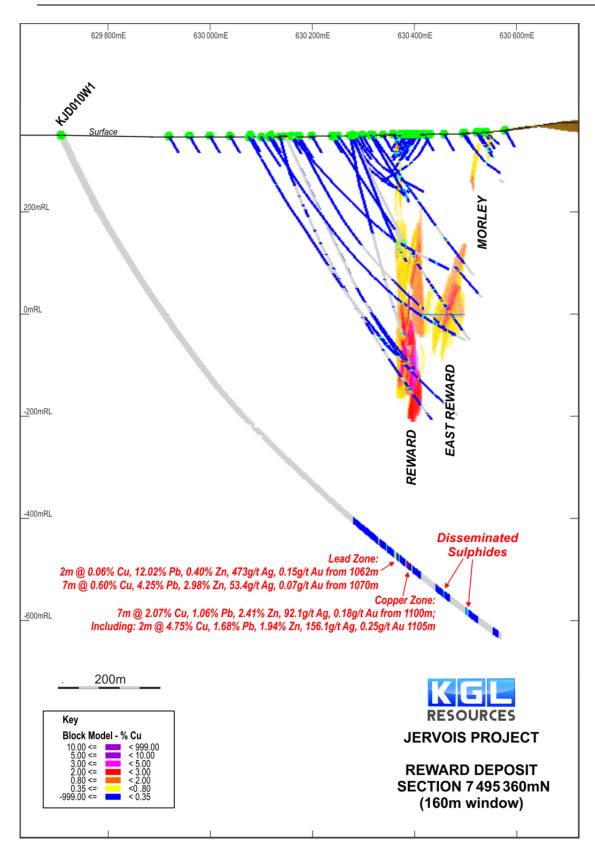


Figure 1 Reward Resource cross section showing location of mineralised intersections in KJD010W1. .

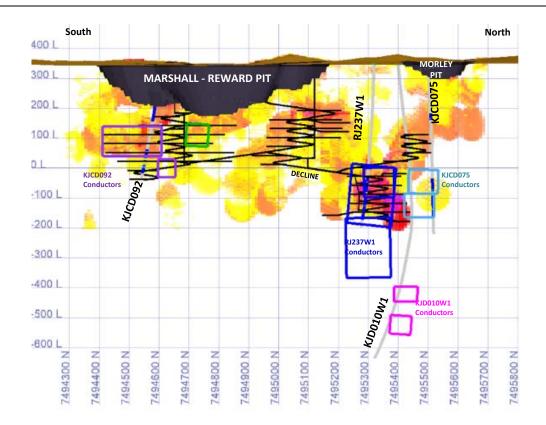


Figure 2 Long section of Marshall - Reward resource and proposed UG development with conductive plates modelled from DHEM

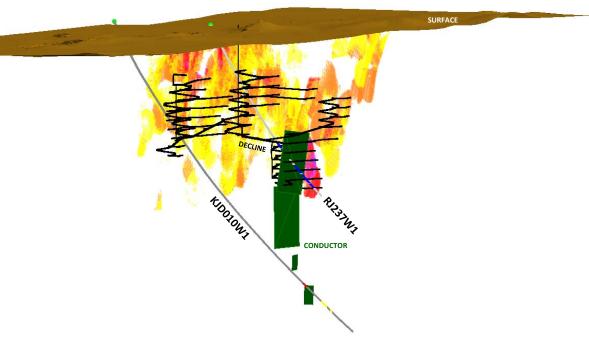


Figure 3 Marshall - Reward looking north-west

Table 1 Table of significant results

Hole ID	Easting (m)	Northing (m)	RL (m)	Dip	Azimuth	BOX ¹ (m)	Total Depth (m)	From (m)	To (m)	Interval (m)	ETW² (m)	Cu %	Pb %	Zn %	Ag g/t	Au g/t
KJD010W1	629705	7495395	351.68	-64.8	82.8	32.4	1347.8	1031	1033	2	1.6	0.94	0.17	0.36	22.3	0.09
								1037	1040	3	2.4	0.02	1.39	0.24	11.9	0.04
								1057	1058	1	0.8	0.02	0.01	3.1	3.3	0.01
								1062	1064	2	1.6	0.06	12.02	0.4	473	0.15
								1064	1065	1	0.8	0.91	0.23	0.48	14.6	0.01
								1070	1077	7	5.6	0.6	4.25	2.98	53.4	0.07
								1100	1103	7	5.6	2.07	1.06	2.41	92.1	0.18
							Including	1105	1107	2	1.6	4.75	1.68	1.94	156.1	0.25
1								1117	1118	1	0.8	0.57	0.01	0.02	2.4	0.03

¹Base of Oxidisation down hole depth ²Estimated true width



Figure 4 Hole KJD010W1 showing some of the copper mineralisation from 1,097m to 1,107m



Figure 5 Hole KJD010W1 showing some of the lead mineralisation from

Table 2 Assays for diamond hole KJD010W1

Hala	Sample	From	То	Interval	Copper	Lead	Zinc	Silver	Gold
Hole	No.	m	m	m	%	%	%	g/t	g/t
KJD010W1	145373	1057	1058	1	0.02%	0.01%	3.10%	3.3	0.006
KJD010W1	145374	1058	1059	1	0.02%	0.01%	0.02%	1.4	0.002
KJD010W1	145375	1059	1060	1	0.01%	0.00%	0.02%	0.25	0.0005
KJD010W1	145378	1061	1062	1	0.01%	0.02%	0.11%	0.7	0.002
KJD010W1	145379	1062	1063	1	0.05%	17.10%	0.47%	663	0.209
KJD010W1	145380	1063	1064	1	0.08%	6.93%	0.32%	283	0.094
KJD010W1	145381	1064	1065	1	0.91%	0.23%	0.48%	14.6	0.011
KJD010W1	145383	1065	1066	1	0.03%	0.02%	0.03%	0.7	0.002
KJD010W1	145384	1066	1067	1	0.01%	0.25%	0.04%	11.8	0.004
KJD010W1	145385	1067	1068	1	0.02%	0.05%	0.04%	2.6	0.001
KJD010W1	145386	1068	1069	1	0.01%	0.01%	0.03%	1.6	0.001
KJD010W1	145387	1069	1070	1	0.05%	0.03%	0.08%	1.8	0.002
KJD010W1	145389	1070	1071	1	0.05%	0.79%	0.89%	32.3	0.008
KJD010W1	145390	1071	1072	1	0.22%	1.39%	2.05%	53.8	0.015
KJD010W1	145391	1072	1073	1	0.05%	1.62%	3.53%	62	0.013
KJD010W1	145392	1073	1074	1	0.34%	6.25%	0.52%	155	0.046
KJD010W1	145393	1074	1075	1	0.85%	5.25%	0.64%	11.3	0.217
KJD010W1	145395	1075	1076	1	0.72%	4.53%	1.66%	12.2	0.135
KJD010W1	145396	1076	1077	1	2.00%	9.94%	11.60%	47	0.038
KJD010W1	145397	1077	1078	1	0.33%	0.47%	0.54%	5.2	0.011
KJD010W1	145398	1078	1079	1	0.04%	0.04%	0.06%	0.25	0.003
KJD010W1	145399	1079	1080	1	0.05%	0.06%	0.05%	0.8	0.003
KJD010W1	145401	1080	1081	1	0.04%	0.25%	0.08%	9.6	0.006
KJD010W1	145402	1081	1082	1	0.04%	0.16%	0.06%	4.2	0.003
KJD010W1	145403	1082	1083	1	0.01%	0.05%	0.08%	0.25	0.001
KJD010W1	145404	1083	1084	1	0.12%	0.04%	0.07%	0.9	0.002
KJD010W1	145405	1084	1085	1	0.23%	0.07%	0.14%	1	0.002
KJD010W1	145407	1085	1086	1	0.23%	0.14%	0.10%	2.4	0.015
KJD010W1	145408	1086	1087	1	0.01%	0.11%	0.07%	0.9	0.002
KJD010W1	145409	1087	1088	1	0.01%	0.87%	0.22%	3.3	0.003
KJD010W1	145410	1088	1089	1	0.04%	0.19%	0.05%	2.3	0.008
KJD010W1	145411	1089	1090	1	0.00%	0.00%	0.01%	0.25	0.001
KJD010W1	145413	1090	1091	1	0.00%	0.00%	0.01%	0.25	0.001
KJD010W1	145414	1091	1092	1	0.02%	0.00%	0.01%	0.25	0.002
KJD010W1	145415	1092	1093	1	0.01%	0.00%	0.01%	0.25	0.002
KJD010W1	145416	1093	1094	1	0.00%	0.00%	0.01%	0.25	0.002
KJD010W1	145417	1094	1095	1	0.01%	0.00%	0.01%	0.25	0.002
KJD010W1	145419	1095	1096	1	0.01%	0.00%	0.01%	0.25	0.002
KJD010W1	145420	1096	1097	1	0.03%	0.01%	0.02%	0.25	0.003
KJD010W1	145421	1097	1098	1	0.01%	0.00%	0.01%	0.25	0.001
KJD010W1	145422	1098	1099	1	0.00%	0.00%	0.01%	0.25	0.001
KJD010W1	145423	1099	1100	1	0.08%	0.01%	0.02%	0.25	0.003
KJD010W1	145425	1100	1101	1	1.77%	0.14%	0.30%	25.1	0.203
KJD010W1	145426	1101	1102	1	2.61%	2.97%	9.33%	241	0.382
KJD010W1	145427	1102	1103	1	0.56%	0.86%	3.18%	62.7	0.16
KJD010W1	145428	1103	1104	1	0.04%	0.05%	0.13%	3.3	0.007
KJD010W1	145429	1104	1105	1	0.06%	0.01%	0.02%	0.25	0.004
KJD010W1	145431	1105	1106	1	5.94%	0.54%	1.33%	64.2	0.177
KJD010W1	145432	1106	1107	1	3.55%	2.83%	2.56%	248	0.323

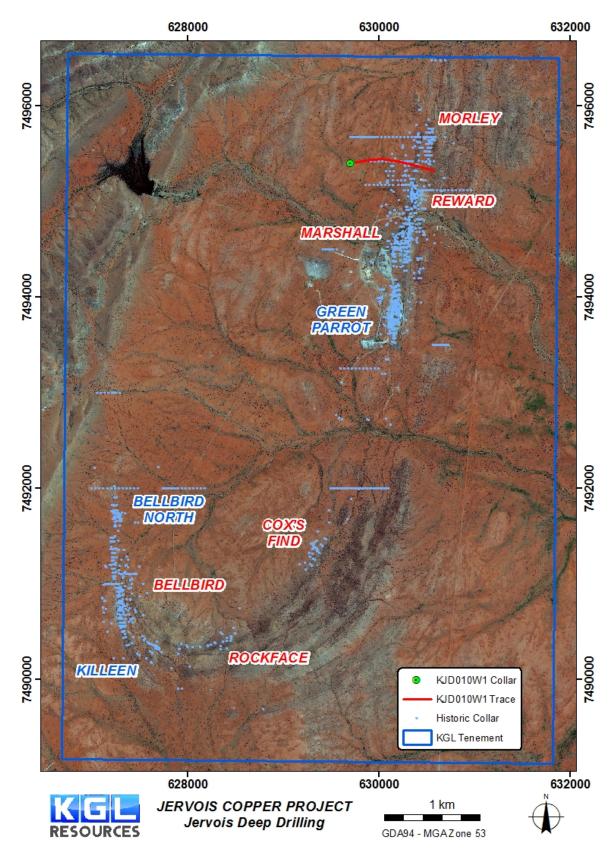


Figure 6 Plan of Jervois Project

For further information contact:

Mr Simon Milroy Managing Director Phone: (07) 3071 9003

About KGL Resources

KGL Resources Limited is an Australian mineral exploration company focussed on increasing the high grade Resource at the Jervois Copper-Silver-Gold Project in the Northern Territory and developing it into a multimetal mine.

Competent Person Statement

The Jervois Exploration data in this report is based on information compiled by Martin Bennett, who is a member of the Australian Institute of Geoscientists and a full time employee of KGL Resources Limited.

Mr. Bennett has sufficient experience which is relevant to the style of the mineralisation and the type of deposit under consideration and to the activity to which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Bennett has consented to the inclusion of this information in the form and context in which it appears in this report.

The following drill holes were originally reported on the date indicated and using the JORC code specified in the table. Results reported under JORC 2004 have not been updated to comply with JORC 2012 on the basis that the information has not materially changed since it was last reported.

Hole		Date originally Reported	JORC Reported Under	
RJ	169	07/09/2011	2004	
KJC	031	16/06/2014	2012	
KJC	053	11/08/2014	2012	

1 JORC CODE, 2012 EDITION – TABLE 1

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 Diamond drilling and reverse circulation (RC) drilling were used to obtain samples for geological logging and assaying. RC drill holes are sampled at 1m intervals and split using a cone splitter attached to the cyclone to generate a split of ~3kg. Diamond core was quartered with a diamond saw and generally sampled at 1m intervals with shorter samples at geological contacts. RC samples are routinely scanned with a Niton XRF. Samples assaying greater than 0.1% Cu, Pb or Zn are submitted for analysis at a commercial laboratory.
Drilling techniques	 Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	 RC Drilling was conducted using a reverse circulation rig with a 5.25" face-sampling bit. Diamond drilling was either in NQ2 or HQ3 drill diameters.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 RC samples were not weighed on a regular basis but no sample recovery issues were encountered during the drilling program. Overweight samples (>3kg) were re-split with portable riffle splitter
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	All RC and diamond core samples are geologically logged. Core samples are also orientated and logged for geotechnical information.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. 	 RC drill holes are sampled at 1m intervals and split using a cone splitter attached to the cyclone to generate a split of ~3kg. Diamond core was quartered with a diamond saw and generally sampled at 1m intervals with shorter samples at geological contacts. RC sample splits (~3kg) are pulverized to 85% passing 75 microns. Diamond core samples are crushed to 70% passing 2mm and then pulverized to 85% passing 75 microns.
	Whether sample sizes are appropriate to the grain size of the	

Criteria	JORC Code explanation	Commentary
	material being sampled.	
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 The QAQC data includes standards, duplicates and laboratory checks. In ore zones Standards are added at a ratio of 1:10 and duplicates and blanks 1:20. Basemetal samples are assayed using a four acid digest with an ICP AES finish. Gold samples are assayed by Aqua Regia with an ICP MS finish. Samples over 1ppm Au are re-assayed by Fire Assay with an AAS finish. An umpire laboratory is used to check ~1% of samples analysed.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Data is validated on entry into the Datashed database. Further validation is conducted when data is imported into Vulcan
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Surface collar surveys were picked up using a Trimble DGPS. Downhole surveys were taken during drilling with a Ranger or Reflex survey tool every 30m with checks conducted with a Gyrosmart gyro and Azimuth Aligner. All drilling is conducted on the MGA 94 Zone 53 grid. All downhole magnetic surveys were converted to MGA 94 grid.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 Drilling for Inferred resources has been conducted at a spacing of 50m along strike and 80m within the plane of the mineralized zone. Closer spaced drilling was used for Indicated resources. Shallow oxide RC drilling was conducted on 80m spaced traverses with holes 10m apart
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 Holes were drilled perpendicular to the strike of the mineralization a default angle of -60 degrees but holes vary from -45 to - 80.
Sample security	The measures taken to ensure sample security.	Samples were stored in sealed polyweave bags on site and transported to the laboratory at regular intervals by KGL staff.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	The sampling techniques are regularly reviewed.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement	Type, reference name/number, location and ownership	The Jervois project is within E25429 100%
and land tenure	including agreements or material issues with third parties	owned by Jinka Minerals and operated by

Criteria	JORC Code explanation	Commentary
status	 such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	Kentor Minerals (NT), both wholly owned subsidiaries of KGL Resources. The Jervois project is covered by Mineral Claims and an Exploration licence owned by KGL Resources subsidiary Jinka Minerals.
Exploration done by other parties	 Acknowledgment and appraisal of exploration by other parties. 	 Previous exploration has primarily been conducted by Reward Minerals, MIM and Plenty River.
Geology Drill hole	Deposit type, geological setting and style of mineralisation. A summary of all information material to the understanding of	EL25429 lies on the Huckitta 1: 250 000 map sheet (SF 53-11). The tenement is located mainly within the Palaeo-Proterozoic Bonya Schist on the northeastern boundary of the Arunta Orogenic Domain. The Arunta Orogenic Domain in the north western part of the tenement is overlain unconformably by Neo-Proterozoic sediments of the Georgina Basin. The copper-lead-zinc mineralisation is interpreted to be stratabound in nature, probably relating to the discharge of base metal-rich fluids in association with volcanism or metamorphism or dewatering of the underlying rocks at a particular time in the geological history of the area. Refer Table 1
Information	the exploration results including a tabulation of the following information for all Material drill holes: o easting and northing of the drill hole collar o elevation or RL (Reduced Level – elevation above sea	Total Table T
	level in metres) of the drill hole collar o dip and azimuth of the hole	
	 down hole length and interception depth 	
	o hole length.	
	 If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. 	Refer Table 1 & 2
	 Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. 	
	 The assumptions used for any reporting of metal equivalent values should be clearly stated. 	
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	Refer Table 1
mineralisation widths and	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	
intercept lengths	 If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate 	Refer Figures 1, 2, 3 & 6

Criteria	JORC Code explanation	Commentary
	sectional views.	
Balanced reporting	 Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	Refer Table 1
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Outcrop mapping of exploration targets using Real time DGPS.
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Refer Figure 6
	 Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	